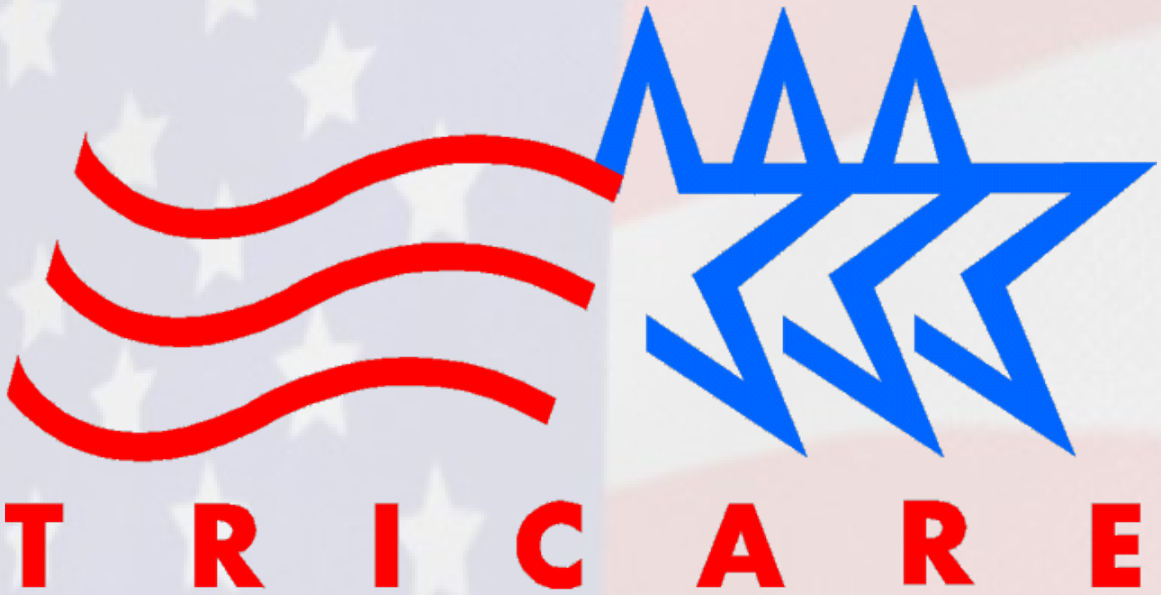


2000

“Focus on Performance”

2000 TRICARE Conference TMA Demonstration Project for the use of Clinical Couplers

PKC Corporation

5201 Leesburg Pike Falls Church, VA 22041 (703) 998-8400

1 Mill Street Burlington, VT 05401 (802) 658-5351

TMA

5111 Leesburg Pike, Suite 810

Falls Church, VA 22041 (703) 681-1133

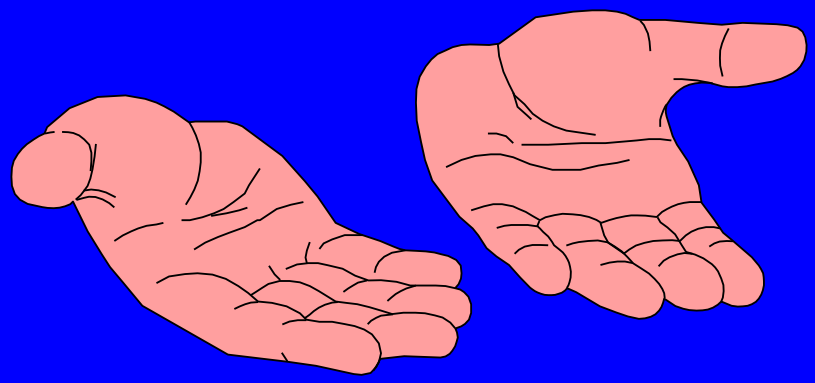
PKC Corporation

"Building Problem Knowledge Coupler tools to support a patient's ability to make informed, appropriate decisions about their own health care, and to assist health care providers in offering safer, more effective services, honoring patients' rights, and decreasing risks to their patients and themselves…"

PKC Corporation Mission

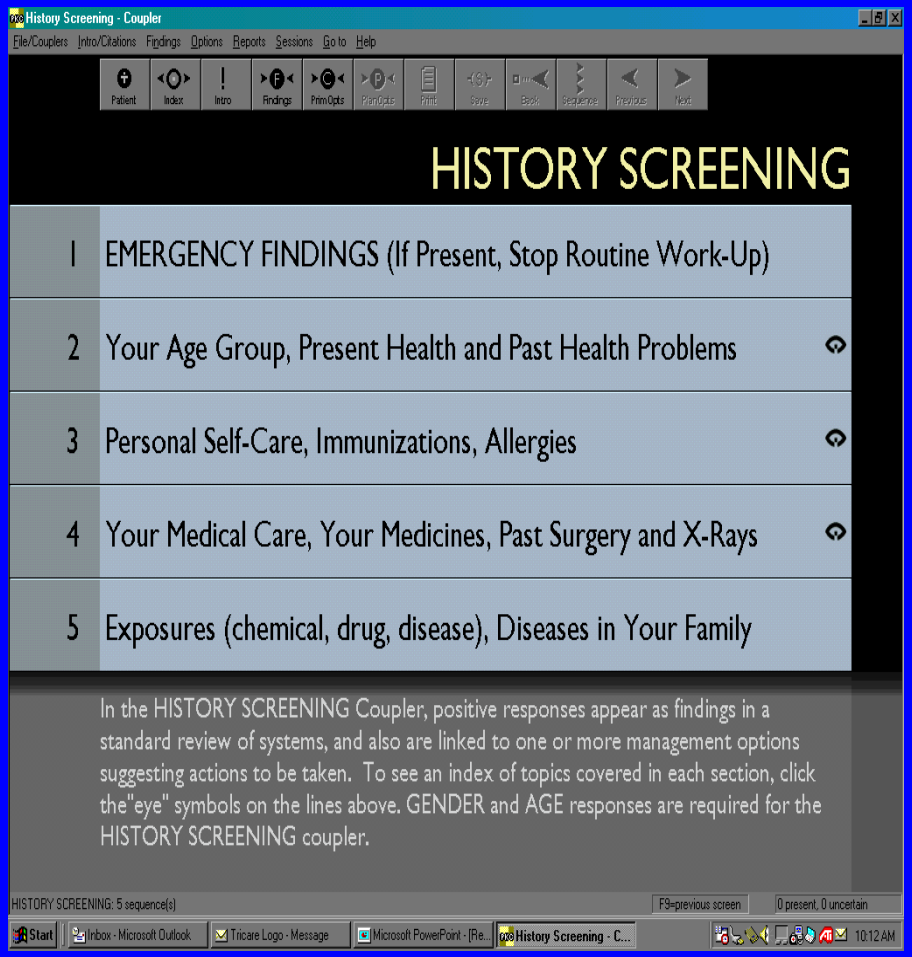
Problem Knowledge Couplers

- Problem: complete, standardized, relevant data
- Knowledge: best literature-based knowledge
- Coupler: “couple” at the point of care



Problem Knowledge Couplers

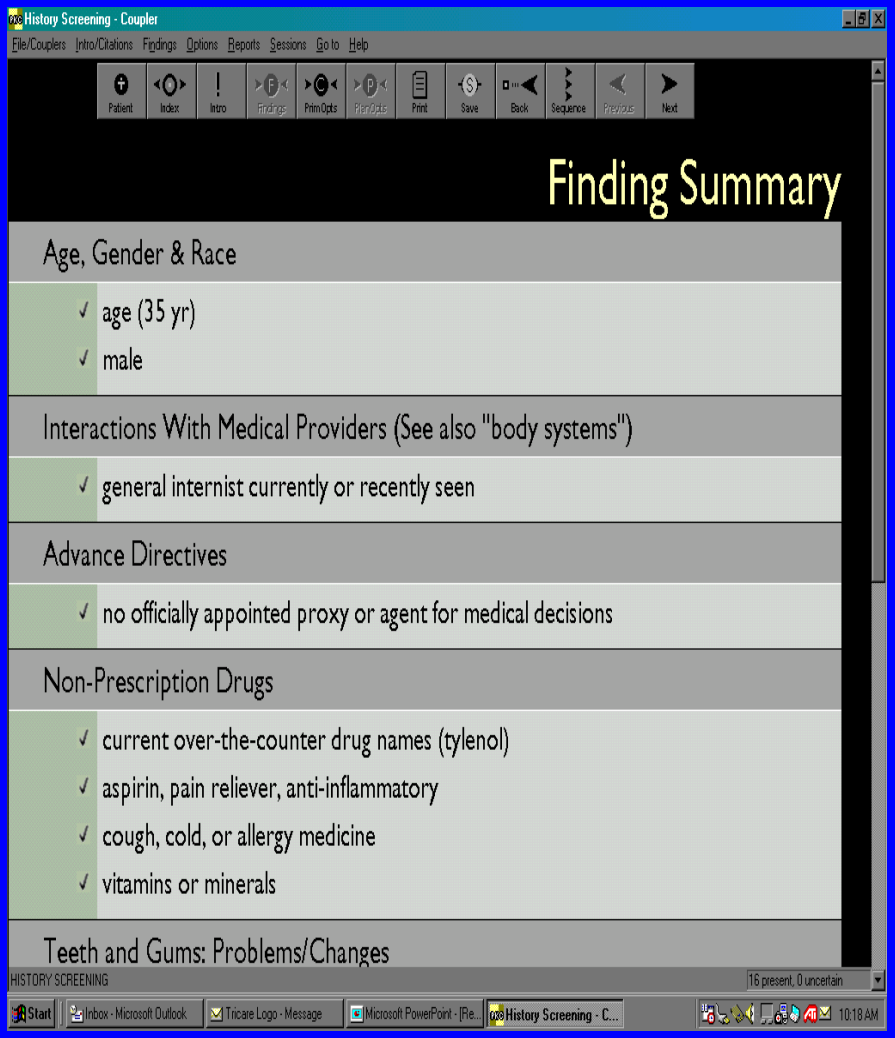
- Method of identifying unique features of individual patients
- “Couple” positive patient findings to possible causes and management options
- Based upon current, peer reviewed medical literature; updated biannually
- Ensure that providers utilize current and thorough information


History Screening - Coupler
File/Couplers Intro/Citations Findings Options Reports Sessions Go to Help
Patient Index Intro Findings PrimOpts PlanOpts Print Save Back Sequence Previous Next
HISTORY SCREENING
1 EMERGENCY FINDINGS (If Present, Stop Routine Work-Up)
2 Your Age Group, Present Health and Past Health Problems
3 Personal Self-Care, Immunizations, Allergies
4 Your Medical Care, Your Medicines, Past Surgery and X-Rays
5 Exposures (chemical, drug, disease), Diseases in Your Family
In the HISTORY SCREENING Coupler, positive responses appear as findings in a standard review of systems, and also are linked to one or more management options suggesting actions to be taken. To see an index of topics covered in each section, click the"eye" symbols on the lines above. GENDER and AGE responses are required for the HISTORY SCREENING coupler.
HISTORY SCREENING: 5 sequence(s)
F9=previous screen
0 present, 0 uncertain
Start
Inbox - Microsoft Outlook
Tricare Logo - Message
Microsoft PowerPoint - [Re...
History Screening - C...
10:12 AM

Problem Knowledge Couplers

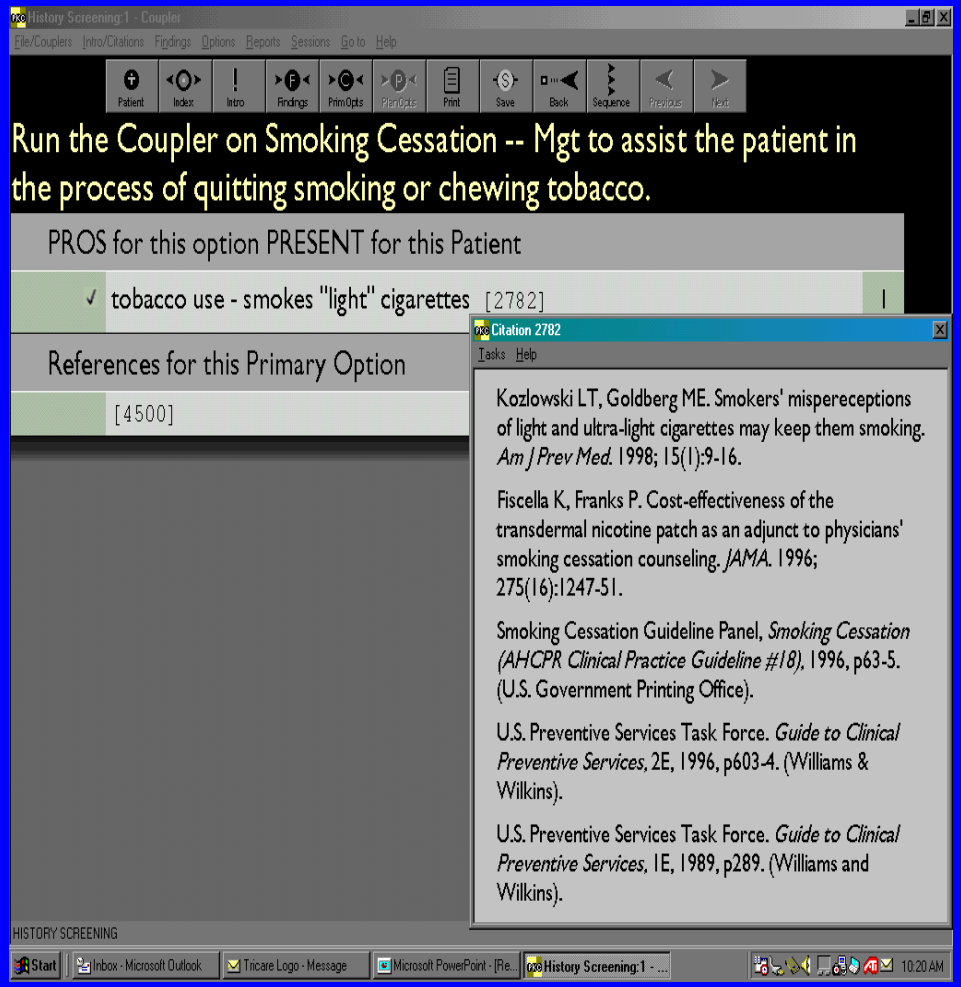
With each patient encounter couplers:

- Establish complete set of structured intelligent data or “findings” for the patient
- Match distinct findings against the best medical literature, exposing relevant causes or management options for the patient
- Incorporate appropriate resources and guidelines from the user organization


History Screening - Coupler
File/Couplers Intro/Citations Findings Options Reports Sessions Go to Help
Patient Index Intro Findings PrimDgns PlanDgns Print Save Back Sequence Previous Next
Finding Summary
Age, Gender & Race
√ age (35 yr)
√ male
Interactions With Medical Providers (See also "body systems")
√ general internist currently or recently seen
Advance Directives
√ no officially appointed proxy or agent for medical decisions
Non-Prescription Drugs
√ current over-the-counter drug names (tylenol)
√ aspirin, pain reliever, anti-inflammatory
√ cough, cold, or allergy medicine
√ vitamins or minerals
Teeth and Gums: Problems/Changes
HISTORY SCREENING
16 present, 0 uncertain
Start
Inbox - Microsoft Outlook
Tricare Logo - Message
Microsoft PowerPoint - [Re...
History Screening - C...
10:18 AM

Problem Knowledge Couplers

- Prevents early hypothesis formation and bias during the patient assessment and examination
- Provider develops an action plan based on complete information
- Couplers are a tool to facilitate and enhance a provider's practice


History Screening:1 - Coupler
File/Couplers Intro/Citations Findings Options Reports Sessions Go to Help
Patient Index Intro Findings PrimOpts PlanOpts Print Save Back Sequence Previous Next
Run the Coupler on Smoking Cessation -- Mgt to assist the patient in the process of quitting smoking or chewing tobacco.
PROS for this option PRESENT for this Patient
✓ tobacco use - smokes "light" cigarettes [2782]
References for this Primary Option
[4500]
Citation 2782
Tasks Help
Kozlowski LT, Goldberg ME. Smokers' misperceptions of light and ultra-light cigarettes may keep them smoking. Am J Prev Med. 1998; 15(1):9-16.
Fiscella K, Franks P. Cost-effectiveness of the transdermal nicotine patch as an adjunct to physicians' smoking cessation counseling. JAMA. 1996; 275(16):1247-51.
Smoking Cessation Guideline Panel, Smoking Cessation (AHCPR Clinical Practice Guideline #18), 1996, p63-5. (U.S. Government Printing Office).
U.S. Preventive Services Task Force. Guide to Clinical Preventive Services, 2E, 1996, p603-4. (Williams & Wilkins).
U.S. Preventive Services Task Force. Guide to Clinical Preventive Services, 1E, 1989, p289. (Williams and Wilkins).
HISTORY SCREENING
Start
Inbox - Microsoft Outlook
Tricare Logo - Message
Microsoft PowerPoint - [Re...
History Screening:1 - ...
10:20 AM

Problem Knowledge Couplers

- Couplers do NOT make the diagnosis
- Couplers do NOT replace clinical judgement
- Couplers DO help the provider gather complete information for a better differential diagnosis, plan of action and management option

PKC and the DoD

- CCEP
- HEAR version 2.1
- Pre and Post Deployment Health Assessment
- Occupational Health Screening Set
- Continuum of care between DoD and VA

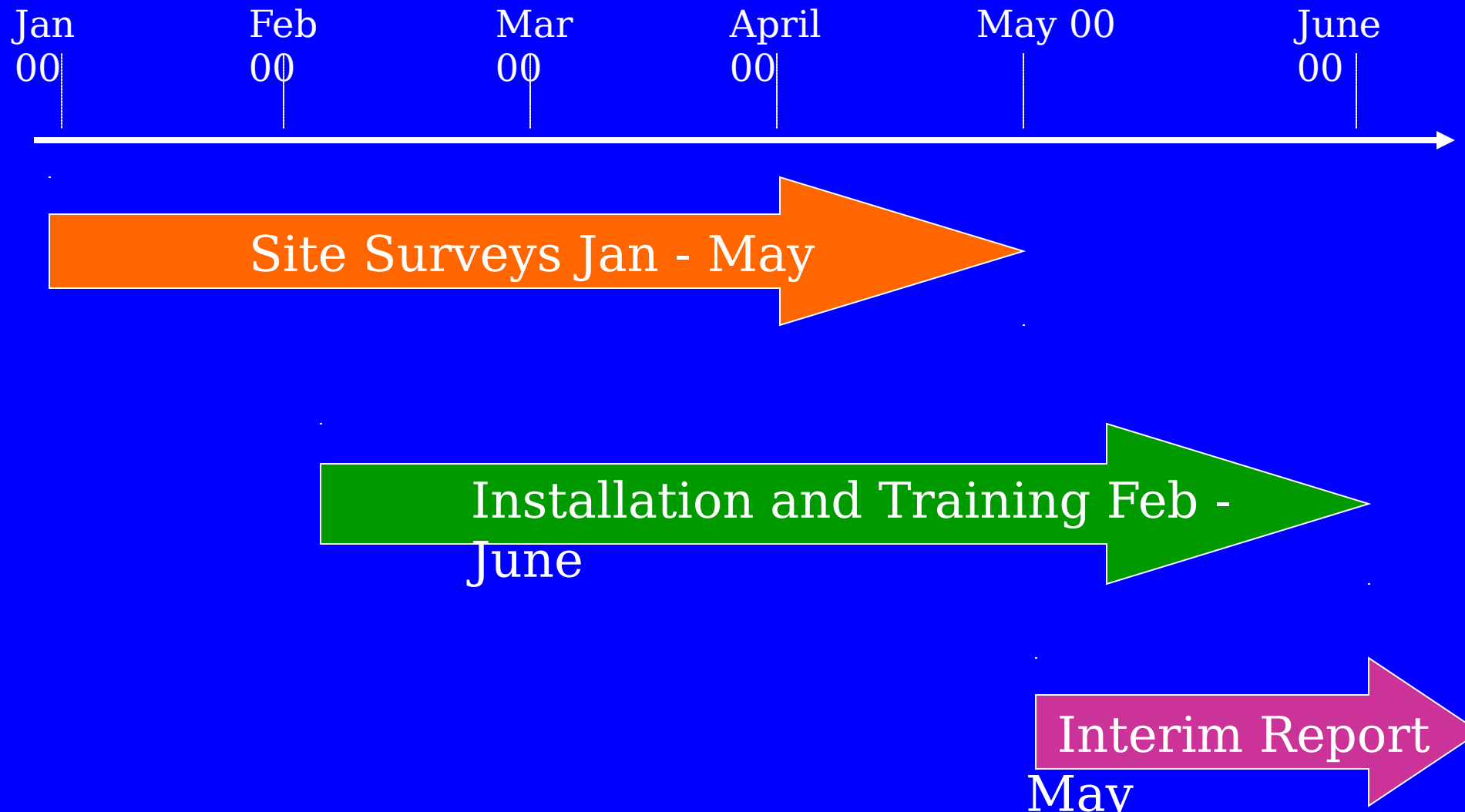
Project Overview

- Disease management to be foundation of Military Health System
- TMA purchased DoD enterprise license for PKC Clinical Coupler Set
- Couplers to be used as disease management tools by designated triservice MTFs
- 77 diagnostic and management couplers

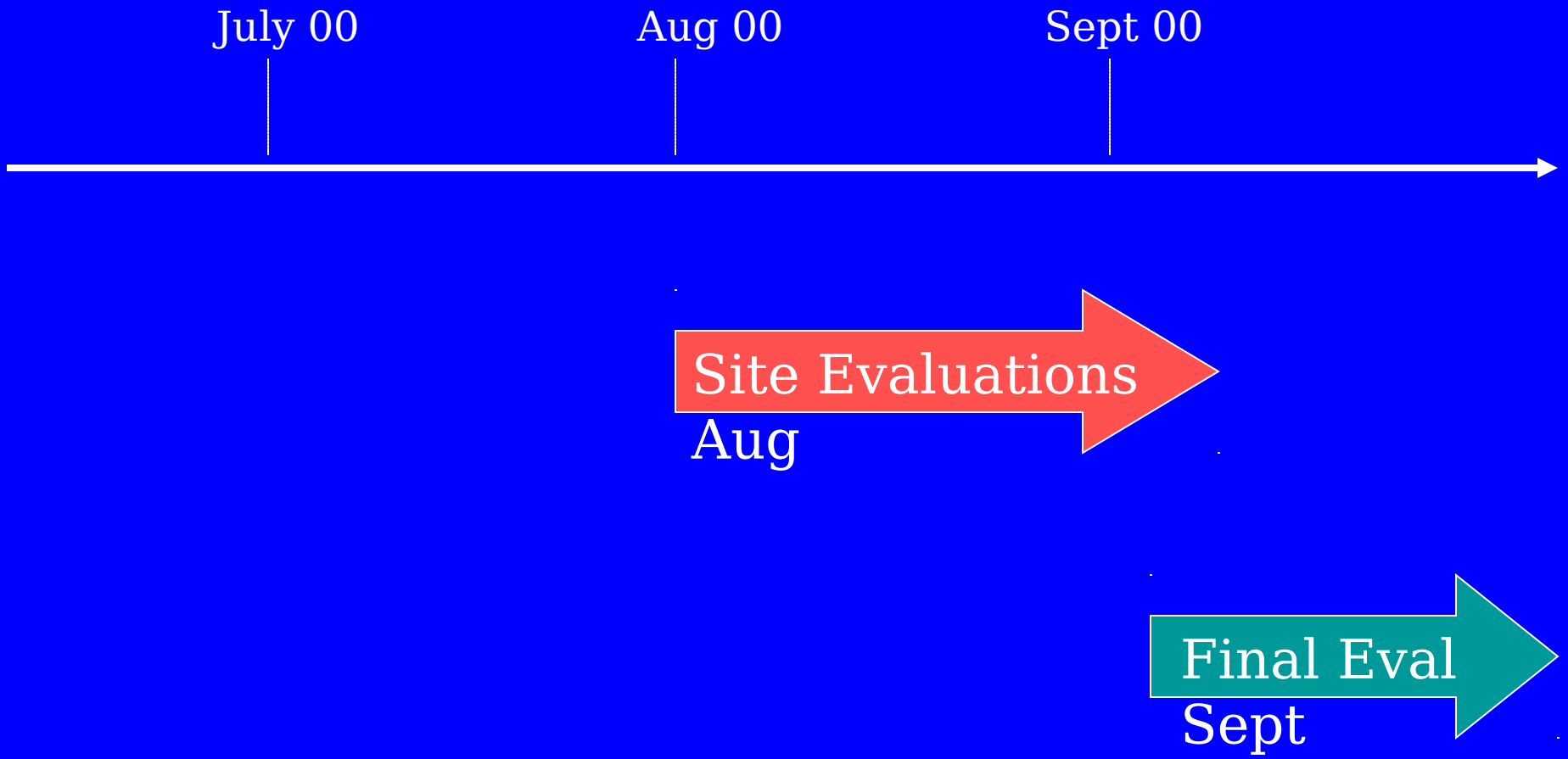
Project Overview

- Identify patient problems and risk factors
- Elicit and record patient findings
- Provide considerations and refinement of diagnostic and management strategies
- Couplers to be integral part of CHCSII
- Couplers augment and facilitate use of other decision support utilities

Demonstration Project Timeline



Demonstration Project Timeline



Project Considerations

- Change requires steadfast leadership and support throughout the entire process Couplers and CPR technology represent and require change in business processes
- Strength and stamina needed for change

TMA Demonstration Project Contacts

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